DOCKET NO: 236518US41YA

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :

ANDREJ MITROVIC, ET AL. : ALLOWED: MAY 27, 2011

SERIAL NO: 10/673,138 : EXAMINER: SAXENA, AKASH

FILED: SEPTEMBER 30, 2003 : GROUP ART UNIT: 2128

FOR: SYSTEM AND METHOD FOR : USING FIRST-PRINCIPLES SIMULATION TO FACILITATE A SEMICONDUCTOR MANUFACTURING

PROCESS

AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. §1.312

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Notice of Allowance dated May 27, 2011, please amend the aboveidentified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 12 of this paper.